

Converting Colors

$Yxy(37.1873, 0.3041, 0.3378)$

Have a look what the booklet for
Yxy(37.1873, 0.3041, 0.3378)
contains.

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Color

Yxy(37.3862, 0.3042, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	99A8A2
RGB	153, 168, 162
RGB Percent	60%, 66%, 64%
CMY	0.3998, 0.3412, 0.3647
CMYK	0.09, 0.00, 0.04, 0.34
HSL	156°, 8%, 63%
HSV	156°, 9%, 66%
XYZ	33.6675, 37.3862, 39.6218
YIQ	162.8310, -7.0140, -5.0460

Conversions

Conversions Part 2

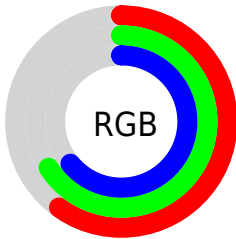
Format	Color
RYB	153, 162, 168
Decimal	10070178
CIELab	67.57, -6.42, 1.29
CIELCh	68, 6.551, 168.624
Yxy	37.3862, 0.3042, 0.3378
Android (android.graphics.Color)	4288260258 (0xFF99A8A2)
YUV	162.8310, -0.4097, -8.6218
Hunter-Lab	61.1443, -8.7160, 4.3807

Details

The Yxy color **37.3862, 0.3042, 0.3378** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6274, 0.3221, 0.3204**, and the grayscale version is **36.5506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0505, 0.3054, 0.3357**, and **16.4414, 0.3020, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **35.6325, 0.2949, 0.3487**, and if you desaturate by 10%, it is **39.3860, 0.3138, 0.3280**.

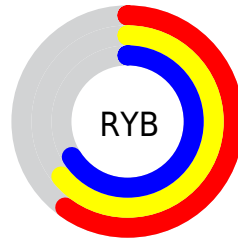
Distribution



Red (60%)

Green (66%)

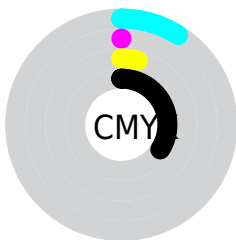
Blue (64%)



Red (60%)

Yellow (64%)

Blue (66%)

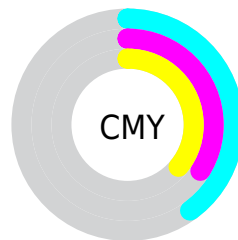


Cyan (9%)

Magenta (0%)

Yellow (4%)

Black (34%)



Cyan (40%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3862, 0.3042, 0.3378 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 37.3862, 0.3042, 0.3378 by changing the saturation by 10% instead.


 37.3862, 0.3042,
0.3378


 37.3862, 0.3042,
0.3378


334.9795, 0.3086,
0.3332

 25.5067, 0.3030,
0.3390


 71.1664, 0.3059,
0.3361

 16.4549, 0.3015,
0.3406


 93.8358, 0.3065,
0.3355

 9.8466, 0.2994,
0.3428


120.8706, 0.3070,
0.3349

 5.2974, 0.2963,
0.3460

152.6552, 0.3074,
0.3345

 2.4228, 0.2913,
0.3513

189.5740, 0.3078,
0.3341

 0.8376, 0.2781,
0.3644

232.0114, 0.3081,

 0.0000, 0.0000,

0.3338

0.0000

280.3518, 0.3084,
0.3335

■ 37.3862, 0.3042,
0.3378

■ 37.3862, 0.3042,
0.3378

■ 35.6325, 0.2949,
0.3487

■ 39.3860, 0.3138,
0.3280

■ 34.1106, 0.2861,
0.3607

■ 41.6365, 0.3235,
0.3192

■ 32.8114, 0.2782,
0.3738

■ 44.1479, 0.3331,
0.3114

■ 31.7238, 0.2714,
0.3878

■ 46.9286, 0.3425,
0.3045

■ 30.8356, 0.2659,
0.4025

■ 49.9863, 0.3516,
0.2985

■ 30.1331, 0.2622,
0.4177

■ 53.3288, 0.3604,
0.2933

■ 29.6010, 0.2604,
0.4332

■ 53.8745, 0.3552,
0.2866

■ 29.2214, 0.2605,
0.4485

■ 54.2159, 0.3492,
0.2800

■ 28.9602, 0.2623,
0.4636

■ 54.5716, 0.3433,
0.2734

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.3862, 0.3139, 0.3442



37.3862, 0.3042, 0.3378



37.3862, 0.2969, 0.3290

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.3862, 0.3042, 0.3378



37.3862, 0.3020, 0.3122



37.3862, 0.3321, 0.3371

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.3862, 0.3042, 0.3378



33.6274, 0.3221, 0.3204

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.3862, 0.3288, 0.3287



37.3862, 0.3042, 0.3378



37.3862, 0.3113, 0.3145

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.3862, 0.3042, 0.3378



37.3862, 0.2956, 0.3143



37.3862, 0.3212, 0.3205



37.3862, 0.3301, 0.3436

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.3862, 0.3042, 0.3378



37.3862, 0.2942, 0.3231



37.3862, 0.3212, 0.3205



37.3862, 0.3316, 0.3344

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.3878, 0.3042, 0.3378



69.9162, 0.3098, 0.3319



37.7028, 0.3174, 0.3509



15.1761, 0.3090, 0.3327



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.3878, 0.3042, 0.3378



67.0797, 0.3020, 0.3402



37.1486, 0.2993, 0.3271



8.4803, 0.3038, 0.3382



21.8623, 0.2622, 0.4637



0.5416, 0.2483, 0.4138

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.6274, 0.3221, 0.3204



58.6171, 0.3248, 0.3180



33.8341, 0.3276, 0.3309



7.5903, 0.3225, 0.3200



6.6059, 0.5331, 0.2710



0.1709, 0.4479, 0.2241

Previews

White Background



This preview shows how the Yxy color 37.3862, 0.3042, 0.3378 looks on a white background.

Color Contrast Check

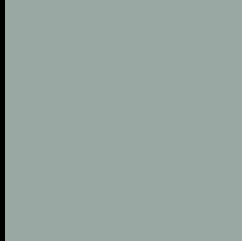
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 37.3862, 0.3042, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

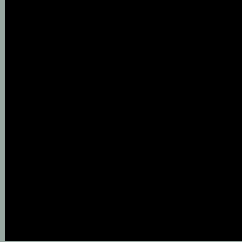
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

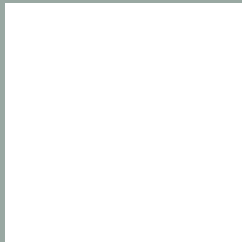
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.3862, 0.3042, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 37.3862, 0.3042, 0.3378.



This preview shows how white text looks on a background with the Yxy color 37.3862, 0.3042, 0.3378.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.3862, 0.3042, 0.3378

Protanopia

37.4138, 0.3200, 0.3347

Deuteranopia

37.1799, 0.3286, 0.3222



Tritanopia

37.2329, 0.2929, 0.3090

Trichromacy



Original Color

37.3862, 0.3042, 0.3378

Protanomaly

37.2700, 0.3143, 0.3348

Deuteranomaly

37.0311, 0.3194, 0.3276

Tritanomaly

37.2581, 0.2969, 0.3188

Monochromacy



Original Color

37.3862, 0.3042, 0.3378

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.9255, 0.3089, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3862, 0.3042, 0.3378 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(153, 168, 162)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 168, 162) }
```

Border

The CSS property to change the border of an element to Yxy 37.3862, 0.3042, 0.3378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 168, 162) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 168, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(153, 168, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(153, 168,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3862, 0.3042, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 168, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
168, 162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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